

ZUBEK, K.

Area computation by comparing weights of cut-out plans drawn to scale. p. 56.
(Geodetický a Kartografický Obzor, Vol. 3, No. 3, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol 6, No. 8, Aug 1957, Uncl

ZUBEK, Laszlo, dr.

The role of public health - epidemiological centers in health education. Nepegeszsegugy 37 no.4:95-96 Apr 56.

(PUBLIC HEALTH
in Hungary, sanitary-epidemiol. centers, role in
health educ. (Hun))
(HEALTH, educ.
in Hungary, role of sanitary-epidemiol. centers (Hun))

11-6

USSR/Cultivated Plants - Feeders.

Abs Jour : Rot Tur - Biol., No 9, 1958, 32359

Author : Tizis, S.I., Zubek, V.I.

Inst : AS BSSR

Title : The Effectiveness of Vernalizing and Bacterizing Corn Seeds with Azobacter to Increase Their Yield and Accelerate Ripening.

Orig Pub : V sb.: Kukuruza v BSSR. Minsk, AN BSSR, 1957, 226-231.

Abstract : Vernalization and bacterization of seeds of corn with azobacter, conducted either separately or jointly, increased the yield of the grain mass and of the cobs. It also accelerated the ripening of the grain. The experiment was conducted at the Kussovskaya experimental station on peat-bog soils in 1958. The yield of corn, when dry seeds were sown, was 385 cwt/ha of grain mass,

Card 1/2

Rot Tur - Biol., No 9, 1958, 32359

11-6

Including 53 cwt/ha grain in cobs; by sowing with vernalized seeds, the yield was 415 cwt/ha and 66 cwt/ha of grain in cobs; by using seeds bacterized with azobacter - the yield was 425 cwt/ha and 66 cwt/ha of grain. When the seeds were vernalized and bacterized, the yield was 469 cwt/ha and 69 cwt/ha - grain in cobs. The positive action of vernalization and bacterization is also highly noticeable on tuff-podzolic soils. -- M.A. Novoderezhkina

Card 2/2

- 90 -

ZUBEK, V. (Chekhoslovakia)

Basic characteristics of the geologic development of the central Carpathians in the Pre-Mesozoic. Mat.Karp.-Balk.assots. no.1: 31-39 '60. (MIRA 14:12)

(Carpathian Mountains--Geology)

GRACH'YAN, A.N.; ZUBEKHIN, A.P.

Effect of the increased additions of gypsum on the strength of
white portland cement. Izv. vya. uchen. zav.; khim. i khim. tekhn.
7 no.4:633-638 '64. (MIRA 17:12)

1. Kafedra tekhnologii vyazhushchikh veshchestv Novocherkasskogo
politeknicheskogo instituta im. J. Gruzhenikidze.

GRACI'YAN, A.N.; ZUBEKHIN, A.P.; KONONENKO, N.V.

Intensifying the grinding of raw materials in the production of
white Portland cement. Izv. vys. ucheb. zav., khim. i khim. tekhn.
7 no.5:816-820 '64 (MIRA 18:1)

1. Kafedra tekhnologii vyazhushchikh veshchestv Novocherkasskogo
politekhnikheskogo instituta imeni S. Ordzhonikidze.

Head of the communications administrations (1951)

Current Digest of the Soviet Press, Vol. 3, No. 16, 1951, page 6. (In CIA Library)

PONOMAREV, I.F., doktor khim. nauk; GRUSHIN, A.N., kand. tekhn. nauk;
ZUBEKHIN, A.P., inzh.

Effect of mineralizers on the process of clinker formation.
TCement 30 no.4:3-5 J1-Ag '64. (MIRA 17:11)

1. Novocherkasskiy politekhnicheskiy institut.

GRACH'YAN, A.N.; ZARUTSKIY, S.A.; STEPANOVA, A.I.; ZUBENKHIN, A.P.;
DYADISHCHEV, N.I.

Increasing the whiteness of cement clinker. Tsement 28 no.1:11
Ja-F '62. (MIRA 16:3)
(Cement clinkers)

AKHLISINSKIY, Boris Vladimirovich; KIRALENKO, Nikolay Ivanovich;
ZUBEKHIN, P.T., red.; TIKHONOVA, I.M., tekhn.red.

[A marvel of our times] Chudo nashago vremeni; kibernetika
i problemy razvitiia. Leningrad, Lenizdat, 1963. 137 p.
(MIRA 16:10)

(Cybernetics) (Philosophy)

YELISEYEV, Nikolay Grigor'yevich; ZUBEKHIN, P.T., red.; TIKHONOVA,
I.M., tekhn. red.

[In the service of agriculture] Na sluzhbe sel'skogo kho-
zaistva. Leningrad, Lenizdat, 1964. 70 p. (MIRA 17:1)

ZARUBAYEV, Nikolay Vladimirovich, kand. tekhn. nauk; ZUBEKHIN, P.T.,
red.; ONOSHKO, N.G., tekhn. red.

[Transforming the face of the earth; outline of the develop-
ment of irrigation] Preobrazhaia oblik zemli; ocherk ob irri-
gatsionnom stroitel'stve. Leningrad, Lenizdat, 1961. 107 p.
(MIRA 15:2)

(Irrigation)

GLADNEV, Ivan Fomich; ZIMIN, Grigoriy Semenovich; ZUBAKHIN, P.T., red.;
PERELYGIN, N.S., red.; KARZHAVINA, Ye.I., tekhn.red.

[Lipetsk Province] Lipetskaya oblast'. Lipetsk, Lipetskoe
knizhnoe izd-vo, 1959. 317 p. (MIRA 13:10)
(Lipetsk Province)

ZUBEKIN, V.P.; NOVOKRESHCHENOV, P.D.

Nature of the thermal fatigue of nickel. Dokl. AN SSSR 155 no.6:
1306-1309 Ap '64. (MIRA 17:4)

1. Voronezhskiy gosudarstvennyy pedagogicheskiy institut.
Predstavleno akademikom P.A.Rebinderom.

"APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520001
CIA-RDP86-00513R002065520012-8"

GRACH'YAN, A.N.; ZUBEKHIN, A.P.

Effect of the mineralizing additives on the process of
calcination and properties of the clinker for white portland
cement. Trudy NPI 129:3-22 '62.
(MIRA 18:3)

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 26

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8"

SECRET

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

ACCESSION NR: AP4034034

8/0020/64/155/006/1306/1309

AUTHOR: Zubekhin, V. P.; Novokreshchenov, P. D.

TITLE: Nature of thermal fatigue in nickel

SOURCE: AN SSSR. Doklady*, v. 155, no. 6, 1964, 1306-1309

TOPIC TAGS: thermal fatigue, nickel thermal fatigue, thermal fatigue mechanism, internal friction

ABSTRACT: The authors have investigated changes of the internal friction peaks caused by the changes in magneto-elastic hysteresis losses in nickel as a result of thermal fatigue. The connection between internal friction and the magnetic coercive force is given by Mishok's theory (Czech. J. Phys. 7, 283, 1957). The authors used a method torsion pendulum for the determination of maximal internal friction. They found that the friction first increases with the number of thermal cycles, then reaches a plateau, and drops after 1,000 thermal cycles. The authors interpret the thermal-fatigue mechanism from observed dependence in terms of formation and migration of dislocations. Orig. art. has: 4 figures, and 3 formulas.

Card 1/2

ACCESSION NR: AP4034034

ASSOCIATION: Voronezhskiy gosudarstvennyy pedagogicheskiy institut (Voronezh
State Pedagogical Institute)

SUBMITTED: 16Oct63

SUB CODE: MM, TD

ATD PRESS: 3066

NO REF SOV: 006

ENCL: 00

OTHER: 006

Card

2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8

CIA-RDP86-00513R002065520012-8

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8

ZUBEKHIN, F.T., red.

[People of industrial chemistry] Liudi Bol'shoi khimii.
Leningrad, Lenizdat, 1964. 77 p. (MIRA 18:4)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8*

DYSKIN, V.P.; ZUBEKHINA, L.M.

Treatment of chronic empyemas of the pleural cavity. Sov. zdrav.
Kir. no.4/5:60-65 JL-0'63 (MIRA 17:1)

1. Iz legochno-khirurgicheskogo otdeleniya (zav. - kand. med. nauk
V.P. Dyskin) Kirgizskogo nauchno-issledovatel'skogo instituta tu-
berkuleza (dir. - prof. Yu.A. Volokh).

Zubelewicz, A.

Scientific-Technical Conference of road builders. p. 266.

Vol. 10, no. 11, Nov. 1955, Drogownictwo.

SOURCE: East European Accessions (EEAL), LC, Vol. 5, no. 3, March 1956.

ZUBELEWICZ, M.

ZUBELEWICZ, M. The use of building machinery. p. 95

Vol. 28, no. 3, Mar. 1956
PRZEGLAD BUDOWLANY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, V^l. 6, no. 2, 1957

ZUBELEWICZ, Michal (Mgr. Engr.)

Mgr. Eng. Boleslaw Kierski, Mgr. Eng. Jozef Korngut, Mgr. Eng. Michal ZUBELEWICZ, "Major Directions in the Production of Construction Materials in the Current Five Year Plan," Materialy Budowlane (Construction Materials), Vol. XXI, No. 10, Warsaw, October 1957, pp 239-298.

ZUBENKO, A.

The SKR-11 elongated conveyor. Mast. ugl. 4 no.2:21 F '55.
(MLRA 8:6)

1. Glavnyy mekhanik shakhty no.22 kombinata Stalinugol'.
(Conveying machinery)

ZUBENKO, A.F. (Kuganak, Bashkirskaya ASSR)

Equipment for snow removal from approach tracks. Put' 1 put.khoz.
4 no.9:21 S '60. (MIRA 13:9)
(Railroads--Snow plows)

ZUBENKO, A. I.

USSR/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63562

Author: Bulgakov, N. I., Zubenko, A. P., Antonova, I. I.

Institution: None

Title: Suppression of Beer Microflora with Chemical Agents

Original

Periodical: Tr. Vses. n.-i. in-ta pivovarennoy prom-sti, 1954, No 4, 40-47

Abstract: Indexes are given of the treatment of beer with salicylic acid, urotropin and H_2O_2 . It was found that addition to beer, prior to bottling, of 0.01-0.015% H_2O_2 prolongs the stability of beer up to one month without affecting its organoleptic characteristics.

ZUBENKO, A.P.; SAMOYLOVA, V.Ya.

Micromalting as a means to evaluate the brewing capacity of
barley. Trudy TSentr. nauch.-issl. inst. piv., bazall. i vin.
prom. no.10:38-51 '63.

Brewing properties of barley from the Krasnodar and Stavropol
Territories. Ibid.:51-70 (MIRA 17:8)

ZHVIRBLYANSKAYA, Adel'geyda Yul'yevna; ZUBENKO, A.P., inzh., spetsred.;
BELIKOVA, L.S., red.; TARASOVA, N.M., tekhn.red.

[Microbiological control in brewing] Mikrobiologicheskii kontrol'
pivovarennoogo proizvodstva. Moskva, Pishchepromizdat, 1959.
55 p. (MIRA 12:12)

(BREWING)

(MICROBIOLOGY)

BULGAKOV, Nikolay Ivanovich; ZUBENKO, Agniya Petrova; KRUGLOVA, G.I.,
redaktor; KISINA, Ye.I., tekhnicheskii redaktor

[Technical and chemical production control of nonalcoholic and low-alcoholic-content beverages] Tekhno-khimicheskii kontrol' proizvodstva bezalkogol'nykh i slabookogol'nykh napitkov. Moskva, Pishchepromizdat, 1956. 319 p. (Beverages) (Production control) (MLA 9:7)

Corrosion of lead piping. D. Zalsigk, *Metall. Hydrot.*
inst. 1. *Patent a vol. 20, 342 41 (1960)*. The causes and
prevention of inside and outside corrosion of Pb pipes in
water lines owing to the action of O_2 and H_2O_2 , as well as
the alk. of the water and composition of the soil are discussed
together with electrolytic effects. Also 1 figure.

Water supply of the Commune of Lany (Bohemia) D.
Zubčenko. *Veřejn. a voda* 29, 21-3 (1910). The H₂O is
pumped from a coal mine, and after aeration and filtration
contains SO₄ 12.8-13.2, CaO 138-164, MgO 8-15, Al₂O₃
3.7-4.9, Na₂O + K₂O 0.6-0.8, SO₄⁼⁼ 119-122, Cl⁻ 13.5-
13.5, free CO₂ 13-14.5, combined CO₂ 81.4-83.6, and Fe
0.1-0.4 mg. per l. Boiler scale forming from this H₂O con-
tained SO₄ 0.19, CaO 53.87, MgO 0.58, combined CO₂
40.05, Fe₂O₃ 0.08, Al₂O₃ 0.04, and SiO₂ 2.40% B. A

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8"

22 • 12-20-1971

Dist. also.

Corrosion of lead water-piping. D. Zupenko (Zhurnal Tekhn. 1949, 29, 342-344).—1½" piping is rapidly corroded by alkaline H₂O of high SO₄²⁻ and Cl⁻ content. R. Tauson.

Drinking and utility water in the Vysoke Tatry Mountains.
Vodni hosp 14 no. 3:117-118 '64.

ZUBENKO, F.S.; GUR'YEVA, Z.I.; KOSHECHKIN, B.I.

Eruption of the submarine mud volcano, Buzovnikskaya Sopka.
Trudy Lab.aeromet. 4:148-151 '55. (MIRA 9:2)
(Mud volcanoes)

3(2)

PHASE I BOOK EXPLOITATION

SOV/1263

Академија наук СССР. Laboratoriya aerometodov

Aerogeologicheskaya s"yemka melkovodnykh zon Kaspiyskogo morya
(Aerial Geological Survey of Shallow Waters of the Caspian
Sea) Moscow, Izd-vo AN SSSR, 1958. 139 p. 1,500 copies printed.

Resp. Ed.: Sharkov, V.V., Candidate of Geographical Sciences; Ed.
of Publishing House; Aron, G.M., Tech. Ed.; Bleykh, E.Yu.

PURPOSE: The book is intended for geologists and geographers.

COVERAGE: This collection of articles, profusely illustrated by
aerial photos and maps, presents the results of experimental
aerial photography taken by the AS USSR Laboratory of Aerial
Methods expedition in the shallow waters of the west coast of
Caspian Sea. Aerial photo work was done under the direction of
K.S. Lyalikov. Field work for the project was performed with the
help of Ye.Ya. Dmitriyev, Geologist; M.F. Murchinok, Chief
Geologist of the Ministry of Petroleum Production USSR;

Card 1/6

Aerial Geological Survey (Cont.)

SOV/1263

A.A. Bakirov and A.A. Il'in, workers at the Ministry; A.A. Yakubov, V.S. Melik-Pashayev, K.A. Mamedov, A.L. Putkaradze and A.P. Ushakov, directors and workers at the former Azmorneft' and Azneft' organizations; M.V. Klenova and V.P. Solov'ev of the Institute of Geological Sciences AS USSR; M.V. Abramovich, I.I. Potapov and D.M. Suleymanov of the Geological Institute of the AS of the Azerbaydzhan SSR; as well as S.E. Mussayev and A.I. Nikolenko of the Dagneft' Trust. There are 48 figures and photos and 106 references of which 105 are Soviet and one English.

TABLE OF CONTENTS:

Foreword	3
Geological Structure of Some Parts of the Submarine Shelf of the Western Littoral of the Caspian Sea	
Ch. I. Configuration of the Sea Bottom and Coastal Land Portions (V.V. Sharkov and F.S. Zubenko)	7
Card 2/6	

Aerial Geological Survey (Cont.)

SOV/1263

Ch. II. Brief Lithological-Stratigraphic Characteristics, Also Clues for the Interpretation of Rocks Forming the Sea Bottom (V.V. Sharkov)	12
A. Quarternary Deposits	14
1. Recent sediments	14
2. Paleo-Caspian sediments	19
B. Tertiary deposits	21
1. Neocene	21
2. Paleocene-bases of Middle Miocene	37
C. Cretaceous deposits	39
1. Upper Cretaceous sediments	39
2. Lower Cretaceous sediments	40
Ch.III. Geological Structure of the Dagestan Littoral Submarine Shelf in the Izberbash and Kayakent Folded Area (V.V. Sharkov)	42
Ch. IV. Geological Structure of the Submarine Shelf in the (Priaspyskiy) Caspian District (V.V. Sharkov and Z.I. Gur'eva)	52
Card 3/6	

.. Aerial Geological Survey (Cont.)

SOV/1263

1. Submarine shelf from Cape Amiya to the Tug-Chay estuary	54
2. Submarine shelf between Cape Kilyazinskaya bar and Yashma Island	63
Ch. V. Geological Structure of the Apsheron Submarine Shelf District (V.V. Sharkov and Z.I. Gur'eva)	71
1. Submarine shelf northwest of the Nasosnaya Station - Yashma Island latitudinal line (V.V. Sharkov and Z.I. Gur'eva)	71
2. Submarine area at Cape Sarygay Bashi (Z.I. Gur'eva)	79
3. Area of the Mardakyan submarine uplift (V.V. Sharkov)	86
4. Area around Artem Island, Gyurgyan submarine uplift and Darvin shoals (V.V. Sharkov)	91

Card 4/6

Aerial Geological Survey (Cont.)

SOV/1263

5. Submarine area at Zhiloy Island (V.V. Sharkov)	102
6. Submarine area around the Neftyanyye Kamni Islands (V.V. Sharkov)	108
Ch. VI. Geological Structure of the Northern Part of the Baku Archipelago (V.V. Sharkov and F.S. Zubenko)	112
1. Submarine area: Cape Sangachal-Duvanny Island	112
2. Submarine area around Cape Alyat	117
3. Submarine area between Cape Pirsagat and Svinoy Island	119
Conclusions (V.V. Sharkov)	123

ZUBENKO, P.S.

Studying coast changes of Tsimlyansk Reservoir by the use of
aerial photographs. Trudy Lab. aeromat. 10:218-225 '60.

(MIRA 14:1)

(Tsimlyansk Reservoir—Coast changes)
(Photography, Aerial)

ZUBENKO, F.S.

Use of aerial photographic surveys in studying the transformation
of reservoir shores. Trudy Okean.kom. 12:120-124 '61.
(MIRA 15:1)

1. Laboratoriya aerometodov AN SSSR.
(Tsimlyansk Reservoir--Coast changes) (Photography, Aerial)

"APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8"

SECRET

Change of the banks of the Volgograd Reservoir. Trudy 991
no. 115:105-129 '84. (MIRA 17 12)

SOURCE CODE: UR/0145/66/000/010/0121/0126

AUTHOR: Zemskov, P. I. (Lecturer); Zubenko, I. F. (Lecturer); Khavina, R. B. (Engineer); Yakushina, Ye. N. (Engineer); Degtyareva, O. F. (Engineer); Kharchenko, Ye. N. (Engineer)

ORG: Kharkov Institute of Communal Economy (Khar'kovskiy institut kommunal'nogo khozyaystva)

TITLE: Use of diffusion chrome plating to increase the durability of components

SOURCE: IVUZ. Mashinostroyeniye, no. 10, 1966, 121-126

TOPIC TAGS: metal diffusion plating, chromium plating, durability, antifriction metal

ABSTRACT: The authors study the antifriction properties and durability of components diffusion-plated with chromium. The specimens were put into iron containers with various chrome plating mixtures and the containers were then placed in a furnace where they were heated at 1075-1100°C for 6-8 hours. The chromium-containing medium was chromium oxide and ferrochrome. Four plating mixtures were used with the following compositions (in %): 1. FeCr--50, Al₂O₃--45, NH₄Cl--5; 2. Cr₂O₃--80, C--6, NH₄Cl--4, Al₂O₃--10; 3. Cr₂O₃--80, Ba₂Co₃--4, C--6, Al₂O₃--6, NH₄Cl--4; 4. FeCl--45, Al₂O₃--6, Cr₂O₃--45, NH₄Cl--4. Analysis showed that the surface layer in all cases contains 70-75% chromium and 6-8% aluminum. The depth of diffusion chrome plating for cast

Card 1/2

UDC: 621.785.53

ACC NR: AP1006679

CIA-RDP86-00513R002065520012-8

iron depends on plating time up to 8-10 hours and then remains constant. Hardness also increases with holding time. It was found that knurling followed by chrome plating is preferable to porous chrome plating for improving oil adhesion on surfaces subjected to friction. The durability of components with chrome-plated knurled surfaces may be increased by treatment in a solid carbonizer of the following composition (in %): carbon--50, Na_2CO_3 --20, Fe (filings)--30. The treatment consists of holding for 5 hours at 900°C. Tinned and sulfidized surfaces show the best running-in properties with coefficients of friction of 0.0500 and 0.0550. Parkerized specimens have slightly higher coefficients of friction--0.0670-0.0680. Chrome plating mixtures of the second and third compositions gave the best results with respect to wear. Orig. art. has: 2 figures, 1 table.

SUB CODE: 11/ SUBM DATE: 6Apr65/ ORIG REF: 005

(11)

॥ १ ॥

TITLE: Biochemical changes in muscles of dogs following amputation and replantation
 of an extremity

7

TOPIC TAGS: dog, tissue transplant, muscle physiology, deoxyribonucleic acid, ribonucleic acid, phosphorylation, organic phosphorus compound

ABSTRACT: Extremities of dogs were amputated and kept at room temperature for 1 to 2 hrs or on ice for 2 to 24 hrs. In 1 to 2 hrs nitrogen as well as phosphorus metabolism disorders appeared in the muscles. Phosphocreatine and ATP levels decreased significantly, and inorganic phosphorus and water soluble protein levels increased without affecting fraction ratios during the first hour; in 2 hrs the myogen level decreased. Changes of phosphorus compound levels were similar in extremities kept on ice for 2 hrs; levels of water soluble proteins and their myogenic fraction increased and their phosphorylase fraction decreased. Twenty-four hour cooling led to the same changes. Phosphocreatine and ATP were almost completely broken down. Nucleic acid

Card 1/2

UDC: 577.99

L 09082-87

CIA-RDP86-00513R002065520012-8"

ACC NR: AR6028909

levels decreased significantly and the level of inorganic phosphorus increased considerably. In 1½ mos. the general levels of inorganic phosphorus, phosphocreatine, ATP, water soluble proteins, myosin and collagen decreased in the replanted extremity muscles. RNA and DNA levels rose. In a year the general levels of nucleic acids, RNA, DNA, water soluble proteins and their fractions were normalized. Phosphorus compounds, particularly phosphocreatine, ATP and inorganic phosphorus, were poorly restored. In 5 to 7 yrs the levels of nucleic acids, water soluble proteins and inorganic phosphorus fractions were completely restored in the extremity muscles; collagen and myosin levels were partially restored. Phosphocreatine, ATP and general phosphorus levels remained considerably reduced compared to norms. Extremities kept at room temperature for 2 hrs failed to accrete. N. S. [Translation of abstract].

SUB CODE: 06

Card 2/2

ZUBENKO, P.M.; KRISTICH, A.D.; IDEASHEVICH, K.F.; MANZON, S.M.;
NOVIKOVA, A.A.; SHCHESNO, T.Yu.; ZUBENKO, I.P.

Biochemical changes in the muscles in dogs following the amputation
and replantation of an extremity. Trudy I-go MMI 42:134-141 '65.

(MIRA 19:2)

1. Kafedra blokhimii i khirurgii detskogo vozrasta Dnepropetrovskogo
meditsinskogo instituta.

ZEMSKOV, Pavel Ivanovich; YAKUSHINA, Yelena Nikolayevna;
KHARCHENKO, Yevgeniy Nikolayevich; ZUBENKO, I.P., dots.,
otv. red.; ALYAB'YEV, E.Z., red.

[Materials and coatings for the piston rings of motor
vehicle and tractor engines] Materialy i pokrytiya porsh-
nevykh kolets avtotrekternykh dvigatelei. Khar'kov, Izd-
vo Khar'kovskogo univ., 1963. 129 p. (MIRA 1748)

KRYSENKO, N.S.; FEDOROV, Yu.P.; ZUBENKO, K.I.

Dross processing by the method of anodic dissolution in a
sulfamine electrolyte. TSvet.mot. 38 no.10:25-28 G '65.
(MIRA 18:12)

LITVIN-MAKSYUTA, K.M.; GOSTISHCHEV, K.P.; KRYSENKO, N.S.; POLYAKOVA,
M.N.; ZUBENKO, K.L.; KOZACHENKO, V.K.; VASIL'YEVA, N.M.

Regeneration of xanthate from cobalt cake. Tsvet. not. 38
no.6:44-45 Je '65. (MIRA 18:10)

APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8
CIA-RDP86-00513R002065520012-8



ZUBENKO, P.M.; LEGOVETS, T.A. [Lehovets', T.O.]

Biochemical changes in a denervated traumatized muscle during the
ingrowth of the nerve. Ukr. biokhim. zhur. 33 no.1:94-100 '61.
(MIRA 14:3)

1. Department of Biochemistry of the Dnepropetrovsk Medical
Institute.

(MUSCLES---INNERVATION)

(ATROPHY, MUSCULAR)

(WOUNDS)

ZUBENKO, P.M.

Biochemical changes in denervated muscles caused by repeated daily electric stimulations. Ukr.biokhim.shur. 28 no.2:223-230 '56.

(MLPA 9:9)

1. Kafedra fiziologii ta biokhimi lyudini i tvarin Dnipropetrovs'kogo universitetu.

(DYSTROPHY, MUSCULAR) (ELECTROPHYSIOLOGY)

Dnepropetrovsk
SR
Name: ZUBENKO, Pavel Mikhaylovich

Dissertation: On the Biochemistry of Denervated
Muscles

Degree: Doc Biol Sci

Affiliation: Dnepropetrovsk State U imeni 300th
Anniversary of the Reunification of
the Ukraine and Russia *of the Union*

Defense Date, Place: 15 Oct 56, Council of Kiev State U
imeni Shevchenko

Certification Date: 12 Jan 57

Source: BMVO 7/57

ZUBENKO, P.M.; KHRISTICH, A.D.; LUKASHEVICH, K.F.; MANZON, S.M.;
NOVIKOVA, A.A.; SHCHESNO, T.Yu.; ZUBENKO, I.P.

Biochemical changes in the muscles in dogs following the amputation
and replantation of an extremity. Trudy 1-go MMI 42:135-141 '65.

(MIRA 19:2)

1. Kafedra biokhimii i khirurgii detskogo vozrasta Dnepropetrovskogo
meditsinskogo instituta.

ZUBENKO, P. M.

ZUBENKO, P. M.: "The biochemistry of denervated mice." Kiev State U imeni
T. G. Shevchenko. Kiev, 1955. (DISSERTATION FOR THE
DEGREE OF DOCTOR IN BIOLOGICAL SCIENCE)

Sol: Knizhnaya letopis' No 15, 1956, Moscow

ZUBENKO, P.M.; REVA, A.D.; PLAKHOTISHINA, Ye.T.

Function of adenisotriphosphatase and amylase in denervated muscles.
Biokhimiia, Moskva 15 no.1:79-85 Ja-P '50. (CML 19:3)

1. Department of Biochemistry, Dnepropetrovsk University.

1990

Biological activity of demerol and morphine administered by electric current. P. M. Zubatyk and S. P. Parshapetshvili. *Doklady Akad. Nauk SSSR* (1959) (Ukr. S.S.R.) (English translation, *Science*, 22, 384-385 (1959)).

It is known that the peripheral nervous system, which is the site of the action of demerol and morphine, is particularly sensitive to electric current. The authors have shown that the peripheral nervous system is particularly sensitive to electric current. The authors have shown that the peripheral nervous system is particularly sensitive to electric current. The authors have shown that the peripheral nervous system is particularly sensitive to electric current.

Muscle

Activity of the ferments of denervated muscles stimulated by an electric current.
Ukr. biokhim. zhur. 22 No. 4, 1950.

Monthly List of Russian Accessions, Library of Congress
September 1952. UNCLASSIFIED.

ZUBENKO, P. M.

Zubenko, P.M. "The relationship of the amount of glutathione in a nerveless muscle to its amount of usage," "auch. zapiski (Dnepropetr. gos. un-t), Vol. LXXII, 1948, p. 253-58 - Bibliog: 14 items

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

A 54.32.4 METALLURGICAL LITERATURE CLASSIFICATION

1980 4 10 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042

147383 •

98 100 102 104 106

1998

1121 1122

00111 200 000 000

Activity of adenosinetriphosphatase and amylase in de-
nervated muscles. P. M. Zubenko, A. D. Reva, and E.
T. Plakhotshina (Univ. Dnepropetrovsk). *Biokhimiya*
15, 70-85(1980).--Denervation of muscle is accompanied
by a decrease in P compds. (creatine, adenosine, and
hexose phosphates), together with a decrease in the activity

of those enzymes which catalyze P reactions (phosphoryl-
ase, adenosinetriphosphatase, and phosphoglucosaminase).
Acetylcholine in large doses checks the adenosinetriphos-
phatase activity of denervated muscles, whereas small
doses increase its activity. The activity of amylase in de-
nervated muscles decreases.

H. Priestley

SOURCE CODE: UR/0279/66/000/007/F237/2037

Author: Zubenko, P. M.; Karistich, A. D.; Lukashovich, K. F.; Manzon, S. M.;
Kotikova, A. A.; Sachosno, T. Yu.; Zubenko, I. P.

TITLE: Biochemical changes in muscles of dogs following amputation and replantation
of an extremity

SOURCE: Ref. zh. Biologiya, Part II, Abs. 9M232

REF SOURCE: Tr. 1-go Mosk. Kod. in-ta, v. 42, 1965, 135-141

TOPIC TAGS: dog, tissue transplant, muscle physiology, deoxyribonucleic acid,
ribonucleic acid, phosphorylation, organic phosphorus compound

ABSTRACT: Extremities of dogs were amputated and kept at room temperature for 1 to
2 hrs or on ice for 2 to 24 hrs. In 1 to 2 hrs nitrogen as well as phosphorus
metabolism disorders appeared in the muscles. Phosphocreatine and ATP levels decreased
significantly, and inorganic phosphorus and water soluble protein levels increased
without affecting fraction ratios during the first hour; in 2 hrs the myogen level
decreased. Changes of phosphorus compound levels were similar in extremities kept on
ice for 2 hrs; levels of water soluble proteins and their myogenic fraction increased
and their phosphorylase fraction decreased. Twenty-four hour cooling led to the same
changes. Phosphocreatine and ATP were almost completely broken down. Nucleic acid

Card 1/2

UDC: 577.99

I. 09082

ACC NR: A36028909

Levels decreased significantly and the level of inorganic phosphorus increased considerably. In 1½ mos. the general levels of inorganic phosphorus, phosphocreatine, ATP, water soluble proteins, myosin and collagen decreased in the replanted extremity muscles. RNA and DNA levels rose. In a year the general levels of nucleic acids, RNA, DNA, water soluble proteins and their fractions were normalized. Phosphorus compounds, particularly phosphocreatine, ATP and inorganic phosphorus, were poorly restored. In 5 to 7 yrs the levels of nucleic acids, water soluble proteins and inorganic phosphorus fractions were completely restored in the extremity muscles; collagen and myosin levels were partially restored. Phosphocreatine, ATP and general phosphorus levels remained considerably reduced compared to norms. Extremities kept at room temperature for 2 hrs failed to accrete. N. S. [Translation of abstract].

SUB CODE: 06

Card 2/2

MAKSIMOV, Vladimir Fedorovich, dots., kand. tekhn. nauk; ZUBENKO, P.S.,
retsensent; POPILOV, L.Ya., red.; SARMATSKAYA, G.I., red. izd-
va; VDOVINA, V.M., tekhn. red.

[Fundamentals of safety and fire prevention engineering in the
woodpulp and paper industry] Osnovy tekhniki bezopasnosti i pro-
tivopozharnoi tekhniki v tselliulozno-bumazhnoi promyshlen-
nosti. Moskva, Goslesbumizdat, 1962. 504 p. (MIRA 16:3)

(Paper industry--Safety measures)

(Paper industry--Fires and fire prevention)

ZUBENKO, V., kand.see "skokhoz.nauk (Krasnodar)

Virgin lands in the south. NTO 2 no.5:19.20 My 160. (MIRA 14.5)
(Krasnodar Territory--Virgin lands)

ZUBENKO, V., agronom

Corn varieties and hybrids for summer planting. Nauka 1 pered. op.
v sel'khoz. 9 no.6:16-18 Jo '59. (MIRA 12:9)
(Corn (Maize) Varieties))

SOV/3-58-12-37/43

AUTHORS: Obukhova, V.S., Candidate of Technical Sciences; Zutsenko,
V.A., Assistant

TITLE: A Manual on Descriptive Geometry for Correspondence-Students
(Rukovodstvo po nachertatel'noy geometrii dlya zaochnikov)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 12, pp 86-88 (USSR)

ABSTRACT: The article is a review of the book "Descriptive Geometry"
by N.N. Pshenichnyy, M.I. Repina and L.I. Marchenko, pub-
lished by "Sovetskaya nauka".
There is 1 Soviet reference.

ASSOCIATION: Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (Ukrainian
Academy of Agricultural Sciences)

Country : USSR

Category: Cultivated Plants. General Problems.

M

Abstr Jour: RZhBiol., No 11, 1958, 488zh

Author : Zubenko, V.F.

Inst : Zhitomirskaya Oblast Scientific Society for the
Dissemination of Political and Scientific Knowledge

Title : The Effectiveness of Occupied and Bare Fallows.

Orig Pub: Byul. sel's'hogospod. inform. Zhitom. obl. vid. t-vr.
dlya poshir. polit. Ta nauk. znan', 1957, No 3, 38-40

Abstract: No abstract.

Card : 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065520012-8

APPROVED FOR RELEASE: Thursday,
January 1, 1998

Cultivated Plants, General Problems.

... ..

100-368617-100

[illegible]

THE UNIVERSITY OF CHICAGO

Abstract : No abstract

CARD : 1/1

ZUBENKO, V.F.; VALOVNENKO, D.K.; DOROSHENKO, Ye.I. * MOLISEN
T.D., st. nauchn. sotr.; SALEY, A.K. [Salei, A.K.], st.
nauchn. sotr.; ALEKSANDROV, G.I.

[Informational material on mineral fertilizers, poisonous
and chemical substances used in animal husbandry] Dovidkovyi
material po mineral'nykh dobryvakh, otrutokhimikatakh ta
khimichnykh rehovynakh, sheho zastoscuvuiut'sia v tvaryn-
nytstvi. Zhytomyr, 1964. 106 p. (MIRA 18:6)

1. Zhitomir (Province). Sil's'kohospodars'ka doslidna star-
tsiya.

ZUBENKO, V.F., kand.sel'skokhozyaystvennykh nauk; CHERNILINSKIY, N.S.,
kand.sel'skokhozyaystvennykh nauk

Distribution of winter crops in crop rotations of the
Ukrainian Polesye. Zemledelie 8 no.9:31-35 3 '60.

(MIRA 13:8)

1. Zhitomirskaya oblastnaya gosudarstvennaya sel'skokhozyaystvennaya
opytnaya stantsiya.

(Polesye--Rotation of crops)

(Polesye--Grain)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"
PASTUSHENKO, V.O., kand.sel'skokhozyaystvennykh nauk; POPOVICH, I.D.,
kand.sel'skokhozyaystvennykh nauk; ZUBENKO, V.P.

Crop rotation system used on the grassy steppes of the Ukraine.
Zemledelie 6 no.9:31-35 S '58. (MIRA 11:9)
(Ukraine--Rotation of crops)

ZUBENKO, V. F.: Master Agric Sci (diss) -- "The place of corn in the grain-sugar beet crop rotation of the western part of the left-bank forest steppes of the Ukraine SSR". Lyubar, 1958. 19 pp (Min Agric Ukr SSR, Ukr Acad Agric Sci), 100 copies (KL, No 5, 1959, 15')

ZUBENKO, V. G., Candidate of Pharmaceut Sci (diss) -- "Investigation of the heterocyclic compounds with two heteroatoms". L'vov, 1959. 13 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov), 250 copies (KL, No 22, 1959, 123)

ZURENKO, V.G.

Investigations in the field of heterocyclic compounds with two
heteroatoms. Apt. delo 9 no. 5:91 S-O '60. (MIRA 13:10)
(HETEROCYCLIC COMPOUNDS)

AUTHORS: Zubenko, V. G., Turkevich, N. M.

79-12-21/43

TITLE: Synthesis of Thiazolidone Derivatives Which are of Biological Interest (Sintez proizvodnykh tiazolidona, predstavlyayushchikh biologicheskiy interes).
VII. Synthesis of N-Substituted Thiocyanate-Derivatives Starting From Thiocyanate-Acetates (VII. Sintez N - zameshchennykh proizvednykh rodanina, iskhodya iz rodanoatssetatov).

PERIODICAL: Zhurnal Obshchey Khimii, 1957. Vol. 27, Nr 12, pp. 3155-3176 (USSR).

ABSTRACT: Of late a certain importance was attributed to N-substituted thiocyanate-derivatives because of their fungicidal properties. The syntheses of these compounds mentioned in publications hitherto suffer from a great number of deficiencies. By means of investigations the authors stated that the most useful initial products for the synthesis of N-thiocyanate-derivatives are the salts of the cyanogenetic acid which are of great stability and can easily be obtained by reaction of thionocyanate potassium on the sodium salt of monoethanolamine acid (see reaction process). As a condensing means glacial acetic acid was used which has the task to convert thionocyanate into isothiocyanate and to bind the separating ammonia. The sufficient amount of the thiocyanate group is introduced by small amounts of water present in the

Card 1/2

Synthesis of Thiazolidone-Derivatives Which are of Biological Interest. 19-11-56 13
VII. Synthesis of N-Substituted Thiopyran-Derivatives Starting from Thiopyran-
Acetates.

tic acid and crystalline lead acetate. Acting as a catalyst, the latter causes the conversion of thiopyran-acetyl acid to thioglycolic acid which again with the mustard oils converts to the derivatives of thioetheramylthioglycolic acid. When heated in glacial acetic acid these derivatives easily form anhydrides with the development of a thiazolidone ring. The reaction was carried out with benzyl and allyl mustard oils and the possibility of a simultaneous introduction of aldehydes during condensation was tested. For the conversion benzene, salicylic acid, m-aminobenzoic acid, p-aminobenzoic acid, p-aminobenzoic acid, naphthalene-2-sulfonyl chloride and other aldehydes as well as furfural as reagent were used. This way considerably 1-2 thiopyran-derivatives with yields of from 5-10% were synthesized. There are 1 table, and 10 references, 2 of which is shown.

ASSOCIATION: L'vov Medical Institute (L'vovskiy meditsinskii institut).

SUBMITTED: December 18, 1956.

AVAILABLE: Library of Congress.

Card 2/2 1. Thiazolidones - Synthesis 2. Thiopyranacetates -
Synthesis

TURKEVICH, N.M.; ZUBENKO, B.G.

Substitution in the azolidine ring. Part 11: Derivatives of
imidazolidine containing an isoquinoline nucleus. Ukr.
khim. zhur. 26 no.2:222-226 '60. (MIRA 13:9)

1. L'vovskiy gosudarstvennyy meditsinskiy institut.
(Imidazolidine) (Isoquinoline)

ZUBENKO, V.G. [Zubenko, V.H.]; TURKEVICH, M.M., [Turkevych, M.M.], prof.

Synthesis of azolidine derivatives with a possible hypoglycemic action.
Farmatsev. zhur. 16 no. 2:10-15 :61. (MIRA 14:4)

1. Kafedra farmatsevticheskoy khimii L'vovskogo meditsinskogo
instituta, zav. kafedroy prof. M.M. Turkevich.
(SULFONAMIDES)

ZUBENKO, V.G. [Zubenko, V.H.]; TURKEVICH, N.M. [Turkevych, M.M.]

Synthesis of azolidine derivatives with a possible hypoglycemic action. Farmatsev. zhur. 17 no.3:10-14 '62. (MIRA 17:10)

1. Kafedra farmatsevticheskoy khimii L'vovskogo meditsinskogo instituta.

ZUBENKO, V.G. [Zubenko, V.G.]; TURKEVICH, N.M. [Turkevych, N.M.]

Synthesis of azolidine derivatives with a possible hypoglycemic effect. Report No.3: Sulfacyl derivatives of pseudothiohydantoin. Farmatsev.zhur. 20 no.1:6-10 '65. (MIRA 18:10)

1. Kafedra farmatsevticheskoy khimii L'vovskogo meditsinskogo instituta.

ZUBENKO, V.Kh., Cand Agr Sci -- (diss) "Cultivation of corn from
~~postharvest and mowing~~ ^{turning} ~~seedling~~ in Krasnodarskiy kray." Krasnodar,
1959, 21 pp (Min of Agr RSFSR. Kuban' Agr Inst) 15 copies
(KL, 36-59, 116)

ZUBENKO, V.Kh., kand.sel'skokhozyaystvennykh nauk; SYKALO, N.G.

Fertilizers for corn planted on stubble. Zemledelie 24 no.6:
49-51 Je '62. (MIRA 15:11)

1. Kubanskiy sel'skokhozyaystvennyy institut.
(Kuban--Corn (Maize)--Fertilizers and manures)

ZUBENKO, V.Kh., kand. sel'khoz.nauk; MINENKOVA, V.P., red.; OKOLELOVA,
Z.P., tekhn. red.

[Corn in postharvest and stubble plantings] Kukuruz v poukos-
nykh i pozhnivnykh posevakh. Moskva, Sel'khozizdat, 1963.
158 p.
(MIRA 17:1)

ZUBENKO, V.Kh.; GOVOROV, N.V.

Potentials for increasing the production yield of sweet corn.
Kons.i ov.prom. 17 no.5:11-12 My '62. (MIR 15:5)

1. Kubanskiy sel'skokhozyaystvennyy institut (for Zubenko).
2. Krymskaya opytno-selektsionnaya stantsiya Vsesoyuznogo
instituta rasteniyevodstva (for Govorov).
(Corn (Maize))